

```
Command Prompt - mysql -u root
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use gudang
Database changed
MariaDB [gudang]> create table barang(kode_brg char(4) primary key,
-> nama_brg varchar(20) not null,
-> harga_brg int(6) not null,
-> stok int(3) not null
-> );
Query OK, 0 rows affected (0.019 sec)

MariaDB [gudang]> desc gudang
ERROR 1146 (42S02): Table 'gudang.gudang' doesn't exist
MariaDB [gudang]> desc barang;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_brg | char(4) | NO | PRI | NULL | |
| nama_brg | varchar(20) | NO | | NULL | |
| harga_brg | int(6) | NO | | NULL | |
| stok | int(3) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.015 sec)

MariaDB [gudang]> insert into barang (kode_brg, nama_brg, harga_brg, stok) values ('B001','Topi','50000','8');
Query OK, 1 row affected (0.050 sec)

MariaDB [gudang]> select * from barang
-> ;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B001 | Topi | 50000 | 8 |
+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [gudang]> insert into barang (kode_brg, nama_brg, harga_brg, stok) values ('B002','Baju','35000','2');
Query OK, 1 row affected (0.007 sec)

MariaDB [gudang]> select * from barang
-> ;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B001 | Topi | 50000 | 8 |
| B002 | Baju | 35000 | 2 |
| B003 | Celana | 60000 | 6 |
+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [gudang]> insert into barang (kode_brg, nama_brg, harga_brg, stok) values ('B004','Sandal','20000','3');
Query OK, 1 row affected (0.006 sec)

MariaDB [gudang]> select * from barang
-> ;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B001 | Topi | 50000 | 8 |
| B002 | Baju | 35000 | 2 |
| B003 | Celana | 60000 | 6 |
| B004 | Sandal | 20000 | 3 |
+-----+-----+-----+-----+
4 rows in set (0.000 sec)

MariaDB [gudang]> insert into barang (kode_brg, nama_brg, harga_brg, stok) values ('B005','Sepatu','95000','7');
Query OK, 1 row affected (0.006 sec)

MariaDB [gudang]> select * from barang;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B001 | Topi | 50000 | 8 |
| B002 | Baju | 35000 | 2 |
| B003 | Celana | 60000 | 6 |
| B004 | Sandal | 20000 | 3 |
| B005 | Sepatu | 95000 | 7 |
+-----+-----+-----+-----+
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Command Prompt - mysql -u root

MariaDB [gudang]> alter table barang change jumlah stok int(3) not null;
Query OK, 0 rows affected (0.011 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [gudang]> select * from barang;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B001     | Topi     | 35000     | 8     |
| B002     | Baju     | 35000     | 2     |
| B003     | Celana   | 60000     | 6     |
| B004     | Sandal   | 20000     | 3     |
| B005     | Sepatu   | 95000     | 7     |
+-----+-----+-----+-----+
5 rows in set (0.000 sec)

MariaDB [gudang]> alter table barang change stok stok int(3) not null;
Query OK, 0 rows affected (0.011 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [gudang]> alter table barang modify column harga_brg int(10) not null;
Query OK, 0 rows affected (0.000 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [gudang]> desc barang
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_brg | char(4) | NO | PRI | NULL | |
| nama_brg | varchar(20) | NO | | NULL | |
| harga_brg | int(10) | NO | | NULL | |
| stok | int(3) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.015 sec)

MariaDB [gudang]> select kode_brg, nama_brg, harga_brg from barang;
+-----+-----+-----+
| kode_brg | nama_brg | harga_brg |
+-----+-----+-----+
| B001     | Topi     | 35000     |
| B002     | Baju     | 35000     |
+-----+-----+-----+
5 rows in set (0.000 sec)


Command Prompt - mysql -u root

MariaDB [gudang]> update set harga_brg = '35000' where id = B001;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'set harga_brg = '35000' where id = B001' at line 1
MariaDB [gudang]> update barang set harga_brg = '35000' where id = B001;
ERROR 1054 (42S22): Unknown column 'id' in 'where clause'
MariaDB [gudang]> update barang set harga_brg = '35000' where kode_brg = B001;
ERROR 1054 (42S22): Unknown column 'B001' in 'where clause'
MariaDB [gudang]> update barang set harga_brg = 35000 where nama_brg = 'topi';
Query OK, 1 row affected (0.000 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [gudang]> select * from barang;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B001     | Topi     | 35000     | 8     |
| B002     | Baju     | 35000     | 2     |
| B003     | Celana   | 60000     | 6     |
| B004     | Sandal   | 20000     | 3     |
| B005     | Sepatu   | 95000     | 7     |
+-----+-----+-----+-----+
5 rows in set (0.000 sec)

MariaDB [gudang]> alter table barang
-> change jumlah stok int(3) not null;
ERROR 1054 (42S22): Unknown column 'jumlah' in 'barang'
MariaDB [gudang]> alter table barang change stok jumlah int(3) not null;
Query OK, 0 rows affected (0.011 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [gudang]> select * from barang;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | jumlah |
+-----+-----+-----+-----+
| B001     | Topi     | 35000     | 8     |
| B002     | Baju     | 35000     | 2     |
| B003     | Celana   | 60000     | 6     |
| B004     | Sandal   | 20000     | 3     |
| B005     | Sepatu   | 95000     | 7     |
+-----+-----+-----+-----+
5 rows in set (0.000 sec)
```

 **Snapshot Taken**
[HotKey Ctrl+F12]Click here to view this snapshot.

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Command Prompt - mysql -u root
5 rows in set (0.000 sec)

MariaDB [gudang]> update set harga_brg = '35000' where id = B001;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'set harga_brg = '35000' where id = B001' at line 1
MariaDB [gudang]> update barang set harga_brg = '35000' where id = B001;
ERROR 1054 (42S22): Unknown column 'id' in 'where clause'
MariaDB [gudang]> update barang set harga_brg = '35000' where kode_brg = B001;
ERROR 1054 (42S22): Unknown column 'B001' in 'where clause'
MariaDB [gudang]> update barang set harga_brg = 35000 where nama_brg = 'topi';
Query OK, 1 row affected (0.006 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [gudang]> select * from barang;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B001    | Topi    | 35000    | 8    |
| B002    | Baju    | 35000    | 2    |
| B003    | Celana  | 60000    | 6    |
| B004    | Sandal  | 20000    | 3    |
| B005    | Sepatu  | 95000    | 7    |
+-----+-----+-----+-----+
5 rows in set (0.000 sec)

MariaDB [gudang]> alter table barang
-> change jumlah stok int(3) not null;
ERROR 1054 (42S22): Unknown column 'jumlah' in 'barang'
MariaDB [gudang]> alter table barang change stok jumlah int(3) not null;
Query OK, 0 rows affected (0.011 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [gudang]> select * from barang;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | jumlah |
+-----+-----+-----+-----+
| B001    | Topi    | 35000    | 8    |
| B002    | Baju    | 35000    | 2    |
| B003    | Celana  | 60000    | 6    |
| B004    | Sandal  | 20000    | 3    |
| B005    | Sepatu  | 95000    | 7    |
+-----+-----+-----+-----+
5 rows in set (0.000 sec)

Command Prompt - mysql -u root
5 rows in set (0.000 sec)

MariaDB [gudang]> SELECT kode_brg, nama_brg, harga_brg FROM Barang WHERE nama_brg = 'Sepatu';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'nama_brg = 'Sepatu'' at line 1
MariaDB [gudang]> select kode_brg, nama_brg, harga_brg from barang where nama_brg = 'Sepatu';
+-----+-----+-----+
| kode_brg | nama_brg | harga_brg |
+-----+-----+-----+
| B005    | Sepatu  | 95000    |
+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [gudang]> SELECT * FROM Barang ORDER BY nama_brg ASC;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'BY nama_brg ASC' at line 1
MariaDB [gudang]> select * from barang order by nama_brg ASC;
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B002    | Baju    | 35000    | 2    |
| B003    | Celana  | 60000    | 6    |
| B004    | Sandal  | 20000    | 3    |
| B005    | Sepatu  | 95000    | 7    |
| B001    | Topi    | 35000    | 8    |
+-----+-----+-----+-----+
5 rows in set (0.000 sec)

MariaDB [gudang]> SELECT * FROM Barang WHERE nama_brg LIKE 'B%';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'LIKE 'B%'' at line 1
MariaDB [gudang]> select * from barang where nama_brg like 'B%';
+-----+-----+-----+-----+
| kode_brg | nama_brg | harga_brg | stok |
+-----+-----+-----+-----+
| B002    | Baju    | 35000    | 2    |
+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [gudang]>
```